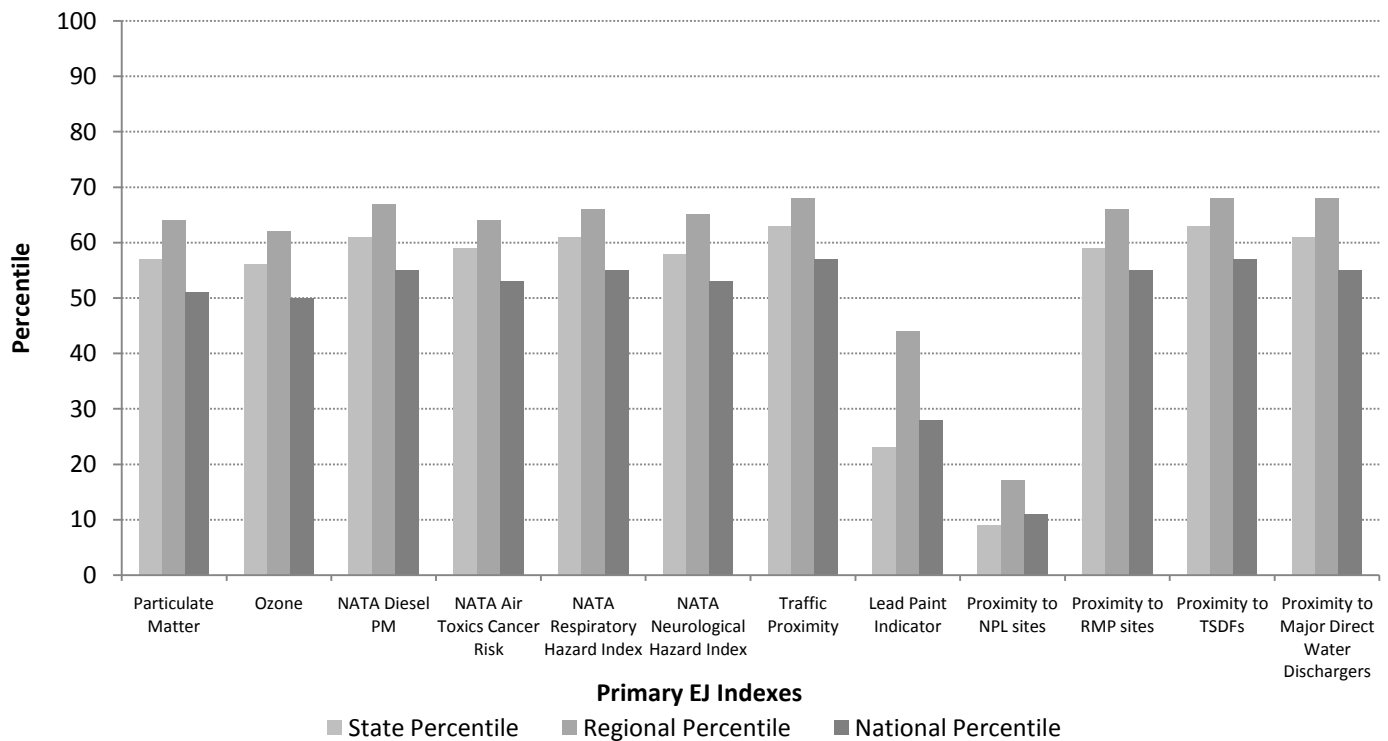


**EJScreen Version 1 Report
for Block Group 511730302004, Virginia
Population: 1349**

04/08/14

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
Primary EJ Indexes			
Particulate Matter	57	64	51
Ozone	56	62	50
NATA Diesel PM	61	67	55
NATA Air Toxics Cancer Risk	59	64	53
NATA Respiratory Hazard Index	61	66	55
NATA Neurological Hazard Index	58	65	53
Traffic Proximity	63	68	57
Lead Paint Indicator	23	44	28
Proximity to NPL sites	9	17	11
Proximity to RMP sites	59	66	55
Proximity to TSDFs	63	68	57
Proximity to Major Direct Water Dischargers	61	68	55

EJ Index for the Selected Block Group Compared to All Places in the U.S.



This report shows environmental, demographic, and EJ indicator values. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators.

EJScreen Version 1 Report
for Block Group 511730302004, Virginia
Population: 1349

04/08/14

Selected Variables	Raw Data	State Avg.	State %ile	EPA Region Avg.	EPA Region %ile	USA Avg.	USA %ile
Environmental Factors							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	9.6	10.4	11	11.8	4	10.7	31
Ozone (ppb)	49.6	50.7	23	49.9	44	46	68
NATA Diesel PM ($\mu\text{g}/\text{m}^3$)	0.0684	0.5510	7	0.6390	6	0.8250	10
NATA Air Toxics Cancer Risk (risk per MM)	36	60	8	59	12	61	12
NATA Respiratory Hazard Index	0.83	2.4	4	2.6	6	3.1	8
NATA Neurological Hazard Index	0.031	0.0530	19	0.0630	15	0.0630	20
Traffic Proximity (daily traffic count/distance to road)	2.2	130	5	110	4	110	5
Lead Paint Indicator (% Pre-1960s Housing)	0.53	0.22	87	0.38	69	0.31	76
Proximity to NPL sites (facility count/km distance)	0.4	0.0850	97	0.11	96	0.0960	96
Proximity to RMP sites (facility count/km distance)	0.042	0.16	20	0.26	12	0.31	10
Proximity to TSDFs (facility count/km distance)	0.0045	0.0330	1	0.0370	2	0.0660	4
Proximity to Major Direct Dischargers (count/km)	0.039	0.21	6	0.28	4	0.25	8
Primary Demographic Index	28%	30%	55	28%	63	34%	51
Minority Population	2%	34%	6	29%	14	35%	8
Low Income Population	53%	25%	91	27%	89	32%	83
Linguistically Isolated Population	0%	3%	54	3%	57	5%	46
Population With Less Than High School Education	25%	14%	84	13%	87	15%	81
Population Under 5 years of age	5%	7%	36	6%	40	7%	36
Population over 64 years of age	17%	12%	80	14%	74	13%	78

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.